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SUBSIDIARY BODY FOR SCIENTIFIC AND TECHNOLOGICAL ADVICE

REPORT OF THE SUBSIDIARY BODY FOR SCIENTIFIC AND TECHNOLOGICAL ADVICE ON ITS TENTH SESSION BONN, 31 MAY - 11 JUNE 1999

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I. OPENING OF THE SESSION
(Agenda item 1)

1. The tenth session of the Subsidiary Body for Scientific and Technological Advice (SBSTA) was held at the Hotel Maritim, Bonn, from 31 May to 11 June 1999.

2. At the 1st meeting, on 31 May 1999, the Chairman of the SBSTA, Mr. Kok Kee Chow (Malaysia), opened the session and welcomed all delegates and observers. The Chairman noted that this was the first session of the SBSTA since the adoption of the Buenos Aires Plan of Action (decision 1/CP.4)[1] by the Conference of the Parties at its fourth session (COP 4), six months earlier. He recalled that the Plan of Action had outlined a series of work programmes aimed both at renewing efforts to implement the Convention and at preparing for the effective future implementation of the Kyoto Protocol. The goals set out in the Plan of Action were ambitious, and Parties would need to work in a determined and focused manner to meet the challenges ahead. The Chairman highlighted the important role which would be played by the SBSTA in this endeavour, by undertaking in-depth technical and methodological work. He expressed hope that the technical workshops and informal meetings which had taken place in the inter-sessional period would help advance deliberations at the tenth session. He urged all Parties to strive to demonstrate substantial progress on each element of the Buenos Aires Plan of Action in a spirit of constructive cooperation. The Chairman concluded by extending a special welcome to the officers of the SBSTA Bureau: Mr. Lambert Gnapelet (Central African Republic), Vice-Chairman, and Mr. Andrej Kranjc (Slovenia), Rapporteur.

3. Also at the 1st meeting, on 31 May, a statement was made by the Executive Secretary, addressed to both the SBSTA and the Subsidiary Body for Implementation (SBI). He apologized for the late availability in print of many documents prepared by the secretariat for the session, and undertook to ensure more timely document preparation in the future. The delay had been partly due to the increased workload resulting from the organization of inter-sessional technical workshops mandated by COP 4. The Executive Secretary remarked that an opportunity to assess the role of workshops, including their budgetary implications, would arise in the context of discussions in the SBI on arrangements for intergovernmental meetings. Looking ahead, the Executive Secretary highlighted what he saw as potential politically significant outcomes of COP 5 that would build momentum for success at COP 6, namely, mobilizing support for capacity-building and taking decisions on the consideration of initial national communications from non-Annex I Parties and on the pilot phase of activities implemented jointly.

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[1] For the full texts of decisions adopted by the Conference of the Parties at its fourth session, see document FCCC/CP/1998/16/Add.1.

4. At the joint meeting of the SBSTA and the SBI, held on 1 June, general statements were made by representatives of five Parties, including one speaking on behalf of the African Group, one speaking on behalf of the Alliance of Small Island States, one speaking on behalf of the European Community and its member States and one speaking on behalf of the Group of 77 and China.

II. ORGANIZATIONAL MATTERS
(Agenda item 2)

A. Adoption of the agenda
(Agenda item 2 (a))

5. At its 1st meeting, on 31 May, the SBSTA considered the provisional agenda contained in document FCCC/SBSTA/1999/1.

6. The Chairman noted that, following consultations with the Bureau of COP 4, the provisional agenda did not include items on: the impact of single projects on emissions in the commitment period; and the scientific and methodological aspects of the proposal by Brazil. Consideration of these two items would be deferred until SBSTA 11, and they had also been included in the list of elements for the COP 5 provisional agenda. The Chairman drew the attention of Parties to document FCCC/SBSTA/1999/MISC.3 and Add.1 and Corr.1 on the impact of single projects on emissions in the commitment period, noting that Parties might wish to use that document to prepare for their discussions at SBSTA 11. Statements regarding the provisional agenda were made by representatives of four Parties.

7. The SBSTA adopted the following agenda:

1. Opening of the session.

2. Organizational matters:

   (a) Adoption of the agenda;
   (b) Organization of the work of the session.

3. Cooperation with relevant international organizations:

   (a) Scientific organizations;
   (b) United Nations bodies;
   (c) Other conventions.

4. National communications from Parties included in Annex I to the Convention:

   (a) Guidelines for the preparation of national communications;
   (b) Review process related to greenhouse gas inventories;
   (c) Work programme on methodological issues related to Articles 5, 7 and 8 of the Kyoto Protocol.

5. Methodological issues:

   (a) Land-use, land-use change and forestry (decision 1/CP.3, paragraph 5 (a));
   (b) Emissions resulting from fuel used for international transportation;
   (c) Other matters.

6. Article 6 of the Convention: Education, training and public awareness.

7. Development and transfer of technologies.

8. Research and systematic observation.

9. Implementation of Article 4, paragraphs 8 and 9, of the Convention (decision 3/CP.3 and Articles 2.3 and 3.14 of the Kyoto Protocol): programme of work.

10. Procedures and mechanisms relating to compliance under the Kyoto Protocol: organizational matters related to the joint working group.

11. Activities implemented jointly under the pilot phase.

12. Mechanisms pursuant to Articles 6, 12 and 17 of the Kyoto Protocol.

13. Report on the session.

B. Organization of the work of the session
(Agenda item 2 (b))

8. The SBSTA considered this sub-item at its 1st meeting, on 31 May. It had before it the tentative schedule of meetings contained in document FCCC/SBSTA/1999/1, annex II. The Chairman noted that the tentative schedule of meetings should be used as a guide to the organization of work of the SBSTA, but that flexibility would be required to respond to the pace of progress.

9. The Chairman underscored that the SBSTA would need to work efficiently to cover the heavy agenda before it and urged Parties to reach a conclusion on as many items as possible by the close of the first week.

10. The Chairman informed the SBSTA that applications for accreditation to the sessions of the subsidiary bodies had recently been received from one intergovernmental organization and 12 non-governmental organizations. These applications had been screened by the secretariat on the basis of the provisions of Article 7.6 of the Convention and in accordance with the procedures established by the COP for the admission of organizations as observers. The SBSTA agreed to grant these organizations access to the current session of the SBSTA, pending formal action on their accreditation by the COP at its fifth session.

III. COOPERATION WITH RELEVANT INTERNATIONAL ORGANIZATIONS
(Agenda item 3)

A. Scientific organizations
(Agenda item 3 (a))

1. Proceedings

11. The SBSTA considered this sub-item at its 1st and 10th meetings, on 31 May and 10 June, respectively.

12. Statements were made by representatives of six Parties, including one speaking on behalf of the European Community and its member States.

13. At the 1st meeting, on 31 May, a statement was made by the Chairman of the Intergovernmental Panel on Climate Change (IPCC), who also responded to questions.

2. Conclusions

14. At its 10th meeting, on 10 June, having considered a proposal by the Chairman, the SBSTA adopted the following conclusions:

(a) The SBSTA expressed appreciation for the statement given by the Chairman of the IPCC and welcomed the *Special Report on Aviation and the Global Atmosphere*. It also welcomed the information provided on preparations for the Third Assessment Report, the special reports on (i) methodological and technological issues in technology transfer, (ii) emissions scenarios of greenhouse gases and aerosol precursors, and (iii) land-use, land-use change and forestry, as well as the report on good practices in inventory management; and

(b) The SBSTA requested the IPCC to continue with its work and looked forward to receiving the reports referred to in subparagraph (a) above. It noted the need of the IPCC for

sufficient resources to prepare these reports, which are important to advancing work under the Convention, and urged Parties to contribute generously to this end.

B. United Nations bodies
(Agenda item 3 (b))

1. Proceedings

15. The SBSTA considered this sub-item at its 1st and 10th meetings, on 31 May and 10 June, respectively.

16. Statements were made by representatives of nine Parties, including one speaking on behalf of the European Community and its member States.

17. At the 1st meeting, on 31 May, a statement was made by the representative of the United Nations Environment Programme (UNEP).

2. Conclusions

18. At its 10th meeting, on 10 June, having considered a proposal by the Chairman, the SBSTA adopted the following conclusions:

(a) Noting that there are many relevant activities under way in other United Nations bodies, the SBSTA expressed the need for these to be brought within the context of the UNFCCC process, and to be consistent with decisions of the COP, in particular with decision 7/CP.4. The SBSTA welcomed the initiative of the secretariat to bring together four United Nations bodies, the United Nations Conference on Trade and Development, the United Nations Development Programme (UNDP), UNEP and the United Nations Industrial Development Organization, and encouraged it to continue drawing upon their contributions for the development of a joint project on capacity-building for developing countries for the clean development mechanism, taking careful account of relevant decisions and conclusions of the COP and its subsidiary bodies, in particular the conclusions on agenda item 12 of the SBSTA at its current session (see paragraph 94). The SBSTA requested the secretariat to make further information available for consideration at its eleventh session; and

(b) The SBSTA requested the secretariat to continue to explore with these and other United Nations partner organizations, including the Global Environment Facility (GEF) and its implementing agencies, other areas where their expertise and resources could support the various work programmes under the Convention process, and to inform it at subsequent sessions on progress achieved.

C. Other conventions
(Agenda item 3 (c))

1. Proceedings

19. The SBSTA considered this sub-item at its 1st and 10th meetings, on 31 May and 10 June, respectively.

20. Statements were made by representatives of four Parties, including one speaking on behalf of the European Community and its member States.

21. At the 1st meeting, on 31 May, statements were made by representatives of the secretariats of the United Nations Convention to Combat Desertification (UNCCD) and the Convention on Biological Diversity (CBD).

2. Conclusions

22. At its 10th meeting, on 10 June, having considered a proposal by the Chairman, the SBSTA adopted the following conclusions:

(a) The SBSTA noted with appreciation the reports by representatives of the UNCCD and the CBD on the substantive linkages between climate change and their conventions; and

(b) The SBSTA welcomed the efforts of the secretariat to explore possible ways of cooperating with the secretariats of other conventions, in particular the UNCCD and the CBD, in order to strengthen cooperation on issues of common interest, bearing in mind the relevant decisions of the COP. It encouraged the secretariat to continue consultations with the relevant secretariats, and to inform it on the outcome of these consultations at subsequent sessions of the subsidiary bodies.

IV. NATIONAL COMMUNICATIONS FROM PARTIES INCLUDED IN ANNEX I TO THE CONVENTION
(Agenda item 4)

A. Guidelines for the preparation of national communications
(Agenda item 4 (a))

1. Proceedings

23. The SBSTA considered this sub-item at its 3rd and 10th meetings, on 1 and 10 June, respectively. It had before it the following documents: FCCC/SB/1999/1 and Add.1-2, FCCC/SBSTA/1999/INF.1 and Add.1, FCCC/SBSTA/1999/INF.2, FCCC/SBSTA/1999/INF.3, FCCC/SB/1999/MISC.2 and FCCC/SB/1999/MISC.5 and Add.1. An informal paper entitled

"Methods to estimate emission inventories of hydrofluorocarbons, perfluorocarbons and sulphur hexafluoride" was also made available to Parties by the secretariat.

24. Statements were made by representatives of 13 Parties, including one speaking on behalf of the European Community and its member States.

25. At the 3rd meeting, on 1 June, a statement was made by the representative of the IPCC - Organisation for Economic Co-operation and Development (OECD) - International Energy Agency (IEA) Programme on National Greenhouse Gas Inventories. The Chairman of the Global Climate Observing System (GCOS) Steering Committee also made a statement.

26. Also at its 3rd meeting, on 1 June, the SBSTA agreed to consider this sub-item by way of a contact group, co-chaired by Mr. Mark Mwandosya (United Republic of Tanzania) and Mr. Jim Penman (United Kingdom of Great Britain and Northern Ireland). The Chairman informed the SBSTA that he had liaised with the Chairman of the SBI on this matter and they had concluded that, in light of the division of labour between the SBSTA and the SBI on the issue of national communications, it would be appropriate for this to be a joint contact group of the SBSTA and the SBI.

2. Conclusions

27. At its 10th meeting, on 10 June, having considered a proposal by the Chairman based on inputs from the contact group, the SBSTA adopted the following conclusions:

(a) The SBSTA decided to forward to the SBI[2] a draft decision on guidelines for the preparation of national communications by Parties included in Annex I to the Convention, part I: UNFCCC reporting guidelines on annual inventories, to be recommended for adoption by the COP at its fifth session (see FCCC/SBSTA/1999/6/Add.1[3]);

(b) The SBSTA advised the SBI to set up a two-year trial period starting in early 2000 to assess the UNFCCC reporting guidelines on annual inventories, particularly the common reporting format, with a view to revising them at COP 7, taking into consideration, *inter alia*, experience gained by the Parties and the secretariat, and input from the IPCC;

(c) The SBSTA encouraged Parties included in Annex I to the Convention (Annex I Parties) to support the efforts of those Annex I Parties undergoing the process of transition to a

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[2] See FCCC/SBI/1999/8, paragraph 27.

[3] Document FCCC/SBSTA/1999/6/Add.1 contains the draft decision and the UNFCCC reporting guidelines on inventories (annex I), as well as a common reporting format (annex II) which is an integral part of these guidelines. (The common reporting format has been revised based on the technical corrections referred to in paragraph 27 (e), below).

market economy aimed at improving the quality of their national greenhouse gas inventories, including the reporting of inventory data using the common reporting format and the archiving of the inventory data;

(d) The SBSTA took note of the information provided by the IPCC-OECD-IEA Programme on National Greenhouse Gas Inventories[4] related to its work on uncertainties and good practices. It requested the IPCC to provide its report in time for the twelfth session of the SBSTA and decided to consider the IPCC report on these activities at that session;

(e) The SBSTA requested Parties to submit electronically to the secretariat, by 15 July 1999, any further technical corrections to the common reporting format so that the text of the guidelines could be completed in time for the fifth session of the COP;

(f) The SBSTA requested the secretariat, taking into account the advice of the IPCC and other relevant organizations, to develop the software tools needed to facilitate reporting by Parties using the common reporting format;

(g) The SBSTA requested Parties included in Annex I to the Convention that are not using the sectoral background data tables 5A-D on land-use change and forestry of the common reporting format to specify alternative formats, and to submit them to the secretariat by 1 July 2001;

(h) The SBSTA decided to continue discussions at its eleventh session on revisions to the guidelines for the preparation of national communications by Parties included in Annex I to the Convention, part II: UNFCCC reporting guidelines on projections, policies and measures, financial resources and transfer of technology, and other matters.[5] It further decided, upon completion of work, to forward its conclusions for consideration by the SBI with the aim of submitting revisions to part II of the guidelines for adoption at the fifth session of the COP. The SBSTA requested the secretariat to prepare a document reflecting the status of discussions on the draft text of part II of the guidelines at the close of the tenth session.

B. Review process related to greenhouse gas inventories

(Agenda item 4 (b))

1. Proceedings

28. The SBSTA considered this sub-item at its 3rd and 9th meetings, on 1 and 9 June, respectively. It had before it the following documents: FCCC/SBSTA/1999/3, FCCC/SBSTA/1999/MISC.4 and FCCC/TP/1999/2.

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[4] By decision of the XIV Plenary of the IPCC, the functions of this IPCC-OECD-IEA programme will be assumed by the IPCC Task Force on Inventories with a technical support unit to be located in Japan. This transfer is expected to be completed by the end of 1999.

[5] This part, including its title, is subject to further discussion at the eleventh sessions of the subsidiary bodies.

29. Statements were made by representatives of four Parties, including one speaking on behalf of the European Community and its member States.

2. Conclusions

30. At its 9th meeting, on 9 June, having considered a proposal by the Chairman, the SBSTA adopted the following conclusions:

(a) The SBSTA took note of and supported the technical review process related to greenhouse gas inventories of Annex I Parties outlined by the secretariat in document FCCC/SBSTA/1999/3;

(b) The SBSTA endorsed the following elements of that technical review process: annual initial checks, annual synthesis and assessment, and individual reviews; and

(c) The SBSTA advised the SBI to consider guidelines for such a technical review process at its eleventh session, with a view to a decision on such guidelines being adopted by the COP at its fifth session.

C. Work programme on methodological issues related to Articles 5, 7 and 8 of the Kyoto Protocol

(Agenda item 4 (c))

1. Proceedings

31. The SBSTA considered this sub-item at its 3rd and 8th meetings, on 1 and 8 June, respectively. It had before it document FCCC/SB/1999/2 and Corr.1.

32. Statements were made by representatives of seven Parties, including one speaking on behalf of the European Community and its member States.

33. At its 3rd meeting, on 1 June, the SBSTA agreed to consider this sub-item in the joint contact group established under sub-item 4 (a).

2. Conclusions

34. At its 8th meeting, on 8 June, having considered a proposal by the Chairman based on inputs from the joint contact group, the SBSTA adopted the following conclusions:

(a) The SBSTA took note of the information provided by the secretariat on a work programme on methodological issues related to Articles 5, 7 and 8 of the Kyoto Protocol, contained in document FCCC/SB/1999/2;

(b) The SBSTA endorsed the work programme referred to in subparagraph (a) above, noting that some aspects relating to Article 3 of the Kyoto Protocol may need to be further discussed in relation to Articles 5, 7 and 8 of that Protocol;

(c) The SBSTA decided to consider the characteristics of national systems and issues relating to adjustments, referred to in Article 5 of the Kyoto Protocol, at its eleventh session. It requested Parties to provide views on these items by 15 August 1999, for compilation into a miscellaneous document; and

(d) The SBSTA requested the secretariat to organize a workshop on the topics referred to in subparagraph (c) above, subject to the availability of funds, prior to its twelfth session. It also requested the secretariat to develop plans for a second workshop on issues related to Articles 5, 7 and 8, subject to the availability of funds, to be held prior to its thirteenth session, pending the outcome of the first workshop and a decision on the date of the sixth session of the COP.

V. METHODOLOGICAL ISSUES
(Agenda item 5)

A. Land-use, land-use change and forestry (decision 1/CP.3, paragraph 5 (a))
(Agenda item 5 (a))

1. Proceedings

35. The SBSTA considered this sub-item at its 3rd, 5th and 10th meetings, on 1, 2 and 10 June, respectively. It had before it the following documents: FCCC/SBSTA/1999/5, FCCC/SBSTA/1999/INF.5 and FCCC/SBSTA/1999/MISC.2 and Add.1.

36. Statements were made by representatives of 20 Parties, including one speaking on behalf of the Alliance of Small Island States, one speaking on behalf of the European Community and its member States and one speaking on behalf of the Group of 77 and China.

37. At the 3rd meeting, on 1 June, Mr. Paul Maclons (South Africa), co-Chair of the second SBSTA workshop on land-use, land-use change and forestry (Indianapolis, United States of America, 26-28 April 1999), provided the SBSTA with an oral report on that workshop.

38. At the same meeting, on 1 June, a statement was made by the Chairman of the IPCC on the status of preparation of the IPCC special report on land-use, land-use change and forestry.

39. Also at the 3rd meeting, on 1 June, statements were made by representatives of the environmental non-governmental organization constituency and the local authority constituency.

40. At its 5th meeting, on 2 June, the SBSTA agreed to consider this sub-item by way of a contact group, co-chaired by Mr. Paul Maclons (South Africa) and Mr. Maciej Sadowski (Poland).

2. Conclusions

41. At its 10th meeting, on 10 June, having considered a proposal by the Chairman based on inputs from the contact group, the SBSTA, recalling decision 9/CP.4, adopted the following conclusions:

(a) The SBSTA took note with appreciation of documents FCCC/SBSTA/1999/5 and FCCC/SBSTA/1999/INF.5 prepared by the secretariat. It invited Parties to review, and where possible respond to, the questions posed in tables 1 and 2 of document FCCC/SBSTA/1999/5, and to identify any additional policy or procedural questions. It requested Parties to provide submissions, where possible electronically, on those issues by 16 August 1999, for compilation into a miscellaneous document, and for consideration by the SBSTA at its eleventh session;

(b) The SBSTA invited the IPCC, in conjunction with the SBSTA at its eleventh session, to provide an in-depth progress report, and to convene a special side event, on the draft IPCC special report on land-use, land-use change and forestry;

(c) The SBSTA decided to further consider, at its eleventh session, the process and timing for the analysis of the information to be provided by the IPCC special report, and the process for developing its work programme on land-use, land-use change and forestry in order to fulfil, *inter alia*, the provisions of decision 9/CP.4;

(d) The SBSTA requested the secretariat to organize a workshop, with participation by experts, between SBSTA 12 and COP 6. The purpose of the workshop would be to analyse the IPCC special report in the context of the requirements of the Kyoto Protocol. The SBSTA invited Parties to provide the secretariat with guidance by 1 February 2000 on the scope of this workshop, which may include data, information and a decision-making framework;

(e) The SBSTA invited the IPCC to develop a work plan addressing methodological issues raised in the IPCC special report in the context of the IPCC 1996 Revised Guidelines for National Greenhouse Gas Inventories in the areas of agriculture and land-use change and forestry, to commence as soon as practicable following completion of the special report; and

(f) The SBSTA decided to begin the consideration, at its eleventh session, of the need for country-specific data and information and its relationship to a decision-making framework in the context of the requirements of the Kyoto Protocol. It requested Parties to provide submissions on this subject, where possible electronically, by 16 August 1999, for compilation into a miscellaneous document for consideration by the SBSTA at its eleventh session.

B. Emissions resulting from fuel used for international transportation

(Agenda item 5 (b))

1. Proceedings

42. The SBSTA considered this sub-item at its 5th and 12th meetings, on 2 and 11 June, respectively. It had before it document FCCC/SBSTA/1999/INF.4. The IPCC *Special Report on Aviation and the Global Atmosphere*, prepared at the request of the International Civil Aviation Organization (ICAO), and an informal paper entitled "Methods used to collect data and to estimate and report emissions from international bunker fuels" were also made available to Parties by the secretariat.

43. Statements were made by representatives of eight Parties, including one speaking on behalf of the European Community and its member States.

44. At the 5th meeting, on 2 June, a statement was made by the representative of ICAO. In addition, the secretariat informed the SBSTA of the contents of a letter received from the International Maritime Organization (IMO) on matters relevant to this sub-item.

45. At the 12th meeting, on 11 June, the Chairman informed the SBSTA that he had requested Mr. José Romero (Switzerland) to assist him in conducting informal consultations on this sub-item.

2. Conclusions

46. At its 12th meeting, on 11 June, having considered a proposal by the Chairman based on inputs from informal consultations, the SBSTA adopted the following conclusions:

(a) The SBSTA welcomed the IPCC *Special Report on Aviation and the Global Atmosphere*, prepared at the request of ICAO, as a comprehensive assessment of the effects of aircraft on the climate and atmospheric ozone;

(b) The SBSTA noted with appreciation the information provided by ICAO and IMO on their work regarding emissions from international bunker fuels. It regretted that a representative of IMO could not attend the current session;

(c) In accordance with decision 2/CP.3[6] and relevant conclusions of the SBSTA at its ninth session:[7]

(i) The SBSTA noted that the data on emissions from international bunker fuels provided by Annex I Parties are often incomplete and inconsistent, as reported in document FCCC/SBSTA/1999/INF.4. It noted that further methodological work is needed to ensure consistent and transparent inventories, including the development and use of consistent definitions, taking into account any guidance by the IPCC on good practice. The SBSTA requested ICAO and IMO to make available their data and expertise on the issue. It invited Annex I Parties to provide, in a transparent manner, emission data and information on methods used to estimate emissions, including the definitions applied, as part of their annual greenhouse gas inventory; and

(ii) The SBSTA noted the informal paper "Methods used to collect data and to estimate and report emissions from international bunker fuels" made available to Parties by the secretariat during the session. The SBSTA requested Parties to provide comments on that paper to the secretariat by 16 August 1999. It requested the secretariat to revise the paper, based on these comments provided by Parties, and to make the revised version available as soon as possible;

(d) Recalling relevant articles of the Convention, decisions of the COP including decision 2/CP.3, and the relevant conclusions of the SBSTA, the SBSTA invited IMO and ICAO to inform it of their work plans relating to emissions based on fuel sold to ships or aircraft engaged in international transport and to provide regular progress reports at future sessions of the SBSTA;

(e) The SBSTA invited the secretariat to explore ways to further strengthen the exchange of information between ICAO, IMO and the SBSTA. It requested the secretariat to report to it on these issues at its eleventh session; and

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[6] For the full texts of decisions adopted by the Conference of the Parties at its third session, see document FCCC/CP/1997/7/Add.1.

[7] FCCC/SBSTA/1998/9, paragraph 51 (i).

(f) The SBSTA decided to continue its work in accordance with decision 2/CP.3, paragraph 4, and to consider the IPCC *Special Report on Aviation and the Global Atmosphere*, at its eleventh session. It invited Parties to submit their views on these issues to the secretariat by 16 August 1999.

C. Other matters
(Agenda item 5 (c))

1. Proceedings

47. The SBSTA considered this sub-item at its 5th, 9th and 12th meetings, on 2, 9 and 11 June, respectively. It had before it document FCCC/SBSTA/1999/4. An informal paper entitled "Compendium of decision tools to evaluate strategies for adaptation to climate change", was also made available to Parties by the secretariat.

48. At the 5th meeting, on 2 June, the Chairman noted that the main issue to be discussed under this item concerned information on impacts, adaptation and mitigation assessment methods.

49. At the same meeting, on 2 June, a statement was made by a representative of UNEP introducing the *Handbook on Methods for Climate Change Impacts Assessment and Adaptation Strategies* prepared by UNEP, in collaboration with the Free University of Amsterdam, and a report entitled *Economics of Greenhouse Gas Limitations: Methodological Guidelines*, prepared by the UNEP Collaborating Centre on Energy and Environment (Riso, Denmark).

50. Statements on this issue were made by representatives of seven Parties, including one speaking on behalf of the European Community and its member States.

51. At the 5th meeting, on 2 June, the delegation of Brazil provided a report on activities undertaken in the inter-sessional period regarding the scientific and methodological aspects of the proposal by Brazil, including the organization of a workshop.

52. A statement on this issue was made by the representative of a Party.

53. At the 12th meeting, on 11 June, the representative of a Party raised a further issue for discussion, namely, inventory and methodological issues relating to harvested wood products.

54. Statements on this issue were made by representatives of six Parties, including one speaking on behalf of the European Community and its member States.

2. Conclusions

55. At its 9th meeting, on 9 June, the SBSTA adopted the following conclusions:

(a) The SBSTA took note, with appreciation, of the UNEP *Handbook on Methods for Climate Change Impacts Assessment and Adaptation Strategies* and the UNEP Collaborating Centre on Energy and Environment (Risø, Denmark) report, *Economics of Greenhouse Gas Limitations: Methodological Guidelines*. It encouraged Parties to draw upon these reports in the preparation of national communications. It further encouraged Parties and intergovernmental organizations, in providing support for enabling activities, to take note of the availability of these documents;

(b) The SBSTA further took note of the information provided in the informal report by the secretariat entitled "Compendium of decision tools to evaluate strategies for adaptation to climate change". It invited Parties:

(i) To review the information, and to provide comments to the secretariat on its contents by 15 September 1999; and

(ii) To provide information on other decision tools in a format similar to that in the above-mentioned informal report. The SBSTA requested the secretariat to facilitate the submission of this information electronically on its Web site, to utilize experts nominated by Parties to the roster on methodologies to review the information, and to compile and synthesize the information; and

(c) The SBSTA, recognizing that training in the use of the methods described in the documents referred to in subparagraph (a) above would be an important means of building the technical and analytical capacities of Parties, encouraged UNEP, UNDP and other relevant institutions to review their activities, including those on a regional basis, and to support capacity-building by using these documents to meet the needs of Parties, particularly developing country Parties.

56. At the same meeting, on 9 June, the SBSTA noted the information provided by the delegation of Brazil on scientific and methodological issues discussed at a workshop organized by that delegation to consider its proposal contained in document FCCC/AGBM/1997/MISC.1/Add.3. The SBSTA decided to consider, at its eleventh session, the scientific and methodological aspects of the proposal by Brazil, and invited the delegation of Brazil to further inform the SBSTA of the results of its workshop and provide it with other relevant information at that session.

57. At its 12th meeting, on 11 June, the SBSTA noted that the report on the expert meeting convened by the IPCC-OECD-IEA Programme on National Greenhouse Gas Inventories on

"Evaluating approaches for estimating net emissions of carbon dioxide from forest harvesting and wood products" (Dakar, 5-7 May 1998) was available from the IPCC during the session, and decided to continue its discussion on this issue at its eleventh session.[8]

VI. ARTICLE 6 OF THE CONVENTION:. EDUCATION, TRAINING AND PUBLIC AWARENESS

(Agenda item 6)

1. Proceedings

58. The SBSTA considered this item at its 1st meeting, on 31 May. It had before it document FCCC/SBSTA/1999/MISC.1.

59. Statements were made by representatives of two Parties, including one speaking on behalf of the European Community and its member States.

60. The Chairman expressed regret that the small number of submissions received from Parties on possible means of promoting the implementation of Article 6 of the Convention had prevented the secretariat from putting forward proposals on how to integrate Article 6 into the work programme of the SBSTA, as requested by the SBSTA at its eighth session (FCCC/SBSTA/1998/6, para. 37 (g)).

2. Conclusions

61. At the 1st meeting, on 31 May, the Chairman invited Parties to submit further proposals to the secretariat by 15 October 1999, to serve as a basis for a more substantive discussion at the twelfth session of the SBSTA.

VII. DEVELOPMENT AND TRANSFER OF TECHNOLOGIES

(Agenda item 7)

1. Proceedings

62. The SBSTA considered this item at its 5th, 6th, 7th and 12th meetings, on 2, 3, 4 and 11 June, respectively. It had before it the following documents: FCCC/SBSTA/1999/2, FCCC/SBSTA/1999/MISC.5 and Add.1-3 and FCCC/TP/1999/1.

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[8] The report of the meeting is available on the Web at http://www.iea.org/ipcc It may also be ordered from: IPCC/OECD/IEA Programme on National Greenhouse Gas Inventories, 2 rue Andre-Pascal, 75775 Paris Cedex 16, France.

63. Statements were made by representatives of 25 Parties, including one speaking on behalf of the Alliance of Small Island States, one speaking on behalf of the European Community and its member States and one speaking on behalf of the Group of 77 and China.

64. At the 5th meeting, on 2 June, a statement was made by a representative of the IPCC on the status of preparation of its special report on methodological and technological issues in technology transfer.

65. Also at the 5th meeting, on 2 June, the Chairman informed the SBSTA of the steps taken so far to conduct the consultative process requested by decision 4/CP.4, including the establishment of an informal group with members nominated by Parties to exchange views on an approach for advancing the process. He proposed to hold further meetings of the informal group during the session, to continue discussions on the work plan and other aspects of the consultative process.

66. At the 7th meeting, on 4 June, a statement was made by a representative of the Climate Technology Initiative (CTI) of the International Energy Agency.

67. At the 12th meeting, on 11 June, the representative of a Party highlighted the transition taking place with regard to metered dose inhalers, involving the substitution of chlorofluorocarbon (CFC) propellants by hydrofluorocarbons (HFCs) and emphasized the importance of coordination on this issue between relevant environmental conventions. Two further statements on this issue were made by representatives of Parties and one by the Executive Secretary.

68. Also at the 12th meeting, on 11 June, the representative of a Party, speaking on behalf of the Group of 77 and China, drew attention to the issue of capacity-building, and expressed the intention to submit a proposal on the subject for consideration at the fifth session of the COP. Statements on this matter were made by representatives of three Parties.

2. Conclusions

69. At its 12th meeting, on 11 June, the SBSTA adopted the following conclusions with regard to the consultative process on the development and transfer of technologies, with the aim of reaching agreement on a framework for meaningful and effective action as stated in decision 4/CP.4:

(a) The SBSTA noted the submissions from Parties, the Global Environment Facility and the International Atomic Energy Agency contained in documents FCCC/SBSTA/1999/MISC.5 and Add.1-3;

(b) The SBSTA invited Parties to provide submissions to the secretariat, by 30 November 1999, on how the issues and questions listed in the annex to decision 4/CP.4

should be addressed, as well as suggestions for additional issues and questions. It requested the Chairman, with the assistance of the secretariat, to identify common elements and areas of divergence, based on the above-mentioned submissions, for consideration by the SBSTA at its twelfth session;

(c) The SBSTA noted the progress made by the Chairman, with the assistance of the secretariat, in conducting the technology transfer consultative process. It endorsed the proposal by the Chairman that the secretariat organize three regional workshops, one in Africa, one in Asia and the Pacific Islands, and one in Latin America and the Caribbean, taking into account the regional and global perspectives of transfer of technology;

(d) The SBSTA recognized that, given the time and resources available, it would not be possible to complete all regional workshops before the fifth session of the COP, and invited the Chairman of the SBSTA, with the assistance of the secretariat, to complete the regional workshops by early 2000, and to report to the SBSTA at its twelfth session, with a view to taking a decision by COP 6;

(e) The SBSTA welcomed offers by some Parties of financial and/or in-kind support for the consultative process, and encouraged other Parties in a position to do so to provide additional contributions; and

(f) The SBSTA noted the statement made by a representative of the IPCC to the SBSTA on its draft special report on methodological and technological issues in technology transfer.

70. At the same meeting, on 11 June, the SBSTA adopted the following conclusions with regard to other issues:

(a) The SBSTA welcomed the technical paper on coastal adaptation technologies (FCCC/TP/1999/1) prepared by the secretariat and agreed to consider this issue at its eleventh session. It invited Parties to submit, by 16 August 1999, their views regarding options to accelerate and sustain the development and transfer of coastal adaptation technologies for compilation into a miscellaneous document;

(b) The SBSTA requested the secretariat to continue to cooperate with the OECD Development Assistance Committee, in order to improve the availability of climate-relevant data from the reporting system of that committee; and

(c) The SBSTA took note of the information provided by the secretariat in response to decision 13/CP.4, on how Parties, international organizations and other organizations may submit information electronically to the secretariat. It encouraged Parties, international organizations and other organizations to make use of the secretariat's Web site as a means of providing information on ways and means of limiting emissions of HFCs and perfluorocarbons

(PFCs). It requested the secretariat to make the information submitted also available on the Web site.

VIII. RESEARCH AND SYSTEMATIC OBSERVATION
(Agenda item 8)

1. Proceedings

71. The SBSTA considered this item at its 1st, 3rd and 8th meetings, on 31 May and 1 and 8 June, respectively. It had before it document FCCC/SB/1999/1/Add.2. The GCOS secretariat draft submission on guidance for reporting on systematic observation, which was prepared for the workshop on revised guidelines for Annex I Party national communications (Bonn, 17-19 March 1999), was also available to Parties.

72. Statements were made by representatives of 12 Parties, including one speaking on behalf of the European Community and its member States.

73. At the 1st meeting, on 31 May, a statement was made by the Chairman of the GCOS Steering Committee, on behalf of the organizations participating in the Climate Agenda, concerning recent activities related to research and systematic observation.

74. At the 3rd meeting, on 1 June, the Chairman invited Ms. Susan Barrell (Australia) and Mr. Philip Gwage (Uganda) to assist him in conducting informal consultations on this item.

2. Conclusions

75. At its 8th meeting, on 8 June, having considered a proposal by the Chairman based on informal consultations, the SBSTA adopted the following conclusions:

(a) The SBSTA noted with appreciation the report of the Chairman of the GCOS Steering Committee, on behalf of the agencies participating in the Climate Agenda;

(b) The SBSTA expressed its appreciation for the preparation by the GCOS secretariat of the preliminary draft guidance for reporting on systematic observation, prepared for the workshop on the revised guidelines for the preparation of national communications from Parties included in Annex I to the Convention (Bonn, 17-19 March 1999).[9] It noted that the GCOS draft guidance is undergoing further review. The SBSTA decided to consider the issue at its eleventh session and it urged the GCOS secretariat to make the revised draft guidance available in sufficient time for that session;

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[9] See document FCCC/SB/1999/1/Add.2.

(c) The SBSTA invited the agencies participating in the Climate Agenda, through the GCOS secretariat, to report to the SBSTA at its eleventh session on their actions and plans, in accordance with decision 14/CP.4, including proposals to hold workshops and, in preparing to do so, to consult widely, *inter alia*, with the Convention secretariat, the Chairman of the IPCC and the GEF;

(d) The SBSTA noted with concern reports of the continued degradation of the observing capability in developing countries and urged Parties to enhance support for capacity-building in developing countries to enable them through, *inter alia*, GCOS and related activities, both to reverse that degradation and to improve the collection, exchange and utilization of data to meet local, regional and international needs;

(e) The SBSTA recalled decision 2/CP.4, paragraphs 1(c) and 5, requesting the GEF to report to the COP on its activities with regard to providing funding to developing countries to build capacity for participation in systematic observational networks; and

(f) The SBSTA also noted that, whilst decision 14/CP.4 focuses on actions to improve global monitoring capabilities for climate to meet the needs of the Convention, Parties also need similarly to support research on climate change, both nationally and internationally.

IX. IMPLEMENTATION OF ARTICLE 4, PARAGRAPHS 8 AND 9, OF THE CONVENTION (DECISION 3/CP.3 AND ARTICLES 2.3 AND 3.14 OF THE KYOTO PROTOCOL): PROGRAMME OF WORK

(Agenda item 9)

1. Proceedings

76. The SBSTA considered this item at its 7th meeting, on 4 June. It had before it the following documents: FCCC/SB/1999/MISC.6 and FCCC/SBSTA/1999/CRP.1.

77. Statements were made by two Parties, including one speaking on behalf of the Group of 77 and China.

78. At the 7th meeting, on 4 June, the Chairman recalled that the SBI had first taken up this item. He further recalled that the SBI had agreed to convene a group of friends of the Chairmen of the subsidiary bodies to develop terms of reference for the expert workshop envisaged in the annex (programme of work) to decision 5/CP.4 (see annex I below). SBI Vice-Chairman Mr. Mohammad Reza Salamat (Iran) had conducted these consultations on behalf of the Chairmen. At the same meeting, Vice-Chairman Salamat provided the SBSTA with a report on his informal consultations.

79. Also at the 7th meeting, on 4 June, the Chairman circulated a proposal for terms of reference for the above-mentioned expert workshop, contained in FCCC/SBSTA/1999/CRP.1.

2. Conclusions

80. At its 7th meeting, on 4 June, having considered a proposal by the Chairman, the SBSTA adopted the terms of reference for the expert workshop envisaged in the annex (programme of work) to decision 5/CP.4, as set out in annex I below.

X. PROCEDURES AND MECHANISMS RELATING TO COMPLIANCE UNDER THE KYOTO PROTOCOL: ORGANIZATIONAL MATTERS RELATED TO THE JOINT WORKING GROUP

(Agenda item 10)

1. Proceedings

81. This item was considered by the SBSTA at its 2nd and 11th meetings, which were held jointly with the SBI, on 1 and 11 June, respectively. The subsidiary bodies had before them document FCCC/SB/1999/MISC.4 and Add.1-3.

82. At the joint meeting held on 1 June, the Chairman of the SBI reported on the informal consultations on matters related to compliance which had been convened by the subsidiary body Chairmen on 31 May in response to a request contained in decision 8/CP.4. The Chairman noted that agreement had been reached to designate Mr. Harald Dovland (Norway) and Mr. Espen Ronneberg (Marshall Islands) as the co-Chairs of the joint working group on compliance established by decision 8/CP.4. Substantive discussion would be referred to the joint working group, which would be convened by the designated co-Chairs.

83. At the 11th meeting, held jointly with the SBI on 11 June, Mr. Harald Dovland presented a report on the work of the joint working group on compliance, on behalf of the co-Chairs (FCCC/SB/1999/CRP.3/Rev.1).

2. Conclusions

84. At its 11th meeting, held jointly with the SBI on 11 June, the SBSTA agreed, jointly with the SBI, that the report of the joint working group on compliance on its work during the tenth sessions of the subsidiary bodies would be annexed to the report of the SBI (see FCCC/SBI/1999/8, annex II.)

XI. ACTIVITIES IMPLEMENTED JOINTLY UNDER THE PILOT PHASE

(Agenda item 11)

1. Proceedings

85. This item was considered by the SBSTA at its 2nd, 4th and 12th meetings, which were held jointly with the SBI, on 1 and 11 June. The subsidiary bodies had before them the following documents: FCCC/SB/1999/INF.1 and FCCC/SB/1999/MISC.1 and Add.1.

86. Statements were made by representatives of 16 Parties, including one speaking on behalf of the African Group, one speaking on behalf of the Alliance of Small Island States, one speaking on behalf of the European Community and its member States and one speaking on behalf of the Group of 77 and China.

87. At the 11th meeting, on 11 June, a statement was made by a representative of the business and industry constituency.

88. At the 4th meeting, on 1 June, the Chairmen of the subsidiary bodies invited Mr. Jos Delbeke (European Commission) and Ms. Margaret Mukahanana (Zimbabwe) to assist them in conducting informal consultations on this item.

2. Conclusions

89. At its 11th meeting, held jointly with the SBI on 11 June, having considered a proposal by the Chairmen based on inputs from the informal consultations, the SBSTA adopted the following conclusions jointly with the SBI:

(a) The SBSTA and the SBI took note of the update on activities implemented jointly (AIJ) under the pilot phase and the compilation of submissions by Parties contained in documents FCCC/SB/1999/INF.1 and FCCC/SB/1999/MISC.1 and Add.1;

(b) The SBSTA and the SBI recognized that AIJ under the pilot phase should provide developing country Parties, in particular the least developed and small island developing States amongst them, as well as Parties with economies in transition, with the opportunity to enhance their capacity-building, and all Parties with the opportunity to gain experience with AIJ;

(c) The SBSTA and the SBI agreed that the review of the pilot phase referred to in decision 5/CP.1, paragraph 3 (b)[10] and decision 6/CP.4 must address, *inter alia*, the following issues:

(i) Geographical distribution of projects, particularly the lack of projects in Africa, and the analysis of contributing factors;

(ii) Contribution of projects to capacity-building and institution-strengthening needs of Parties, particularly for host country Parties;

(iii) Contribution to the host country's sustainable development needs, priorities and strategies;

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[10] For the full texts of decisions adopted by the Conference of the Parties at its first session, see document FCCC/CP/1995/7/Add.1.

(iv) Assessment of environmental benefits related to the mitigation of climate change that would not have occurred in the absence of AIJ, covering all relevant sources, sinks and reservoirs of greenhouse gases and the methods used to measure, monitor and independently verify these emissions, including by type of project, and other environmental benefits achieved;

(v) Contribution of projects and related activities to the transfer of environmentally sound technologies to the host country;

(vi) Identification of factors that might increase the number of projects implemented under AIJ, taking into account the provisions of decision 5/CP.1, paragraph 1;

(vii) Assessment of the uniform reporting format and elaboration of options for its improvement, including a list of standardized terminology and common definitions for key terms, *inter alia*, related to costs, baselines, monitoring, reporting and verification;

(viii) Consideration of costs, including costs of greenhouse gas reductions and transaction costs, and examination of related methodologies;

(ix) Evaluation of how standardized methodologies for project review and approval, by both the host and sponsoring Parties, may enhance overall transparency and reduce transaction costs; and

(x) Identification of further work required with respect to baselines, project monitoring, reporting and verification procedures;

(d) The SBSTA and the SBI requested Parties to submit additional views and information, structured in accordance with the issues mentioned in subparagraph (c) above, by 7 July 1999;

(e) The SBSTA and the SBI further requested the secretariat to prepare a report on the issues identified in subparagraph (c) above, in time for consideration by Parties at the eleventh sessions of the subsidiary bodies, on the basis of submissions from Parties in the context of the reporting framework for the AIJ pilot phase using the uniform reporting format, and additional information submitted by Parties;

(f) The SBSTA and the SBI invited Parties wishing to engage in AIJ under the pilot phase but which have not yet had the opportunity to do so, to take full advantage of the opportunities to "learn by doing"; and

(g) The SBSTA and the SBI decided to undertake a comprehensive review of the pilot phase of AIJ, based on information referred to in subparagraph (e) above, at their eleventh sessions, with a view to preparing a recommendation to COP 5 on further steps.

XII. MECHANISMS PURSUANT TO ARTICLES 6, 12 AND 17 OF THE KYOTO PROTOCOL

(Agenda item 12)

1. Proceedings

90. This item was considered by the SBSTA at its 2nd, 4th and 11th meetings, which were held jointly with the SBI, on 1 and 11 June. The subsidiary bodies had before them the following documents: FCCC/SB/1999/4, FCCC/SB/1999/INF.2 and Add.1-3, and FCCC/SB/1999/MISC.3 and Add.1, Add. 2 and Corr.1 and Add. 3-6.

91. Statements were made by representatives of 21 Parties, including one speaking on behalf of the Alliance of Small Island States, one speaking on behalf of the European Community and its member States and 10 Central and Eastern European States, and one speaking on behalf of the Group of 77 and China.

92. At the 2nd meeting, on 1 June, a representative of the business and industry constituency provided a report on the "Dakar workshop II to enhance the capacity of African negotiators towards the UNFCCC and the Kyoto Protocol process" (Dakar, 6-9 May 1999).

93. At the 4th meeting, on 1 June, the subsidiary bodies decided to consider this item by way of a joint contact group, under the chairmanship of Mr Kok Kee Chow (Malaysia), the Chairman of the SBSTA.

2. Conclusions

94. At its 11th meeting, held jointly with the SBI on 11 June, having considered a proposal by the Chairmen on the basis of inputs from the joint contact group, the SBSTA adopted the following conclusions jointly with the SBI:

(a) The SBSTA and the SBI took note of the synthesis of proposals by Parties on principles, modalities, rules and guidelines on mechanisms pursuant to Articles 6, 12 and 17 of the Kyoto Protocol (FCCC/SB/1999/INF.2 and Add.1-3), an initial framework for the plan for facilitating capacity-building under decision 7/CP.4 (FCCC/SB/1999/4), and submissions from Parties contained in documents FCCC/SB/1999/MISC.3 and Add.1, Add. 2 and Corr.1 and Add. 3-6;

(b) The SBSTA and the SBI invited Parties to submit further proposals, by 31 July 1999, on:

(i) Issues raised in decision 7/CP.4, paragraph 1 (a), (b) and (c); and

(ii) Elements to be included in the plan for facilitating capacity-building.

(c) The SBSTA and the SBI requested the secretariat to compile the submissions by Parties in miscellaneous documents;

(d) The SBSTA and the SBI requested the Chairmen to prepare, with the assistance of the secretariat, a revised and consolidated synthesis of proposals, identified by sources, for consideration at the eleventh sessions of the subsidiary bodies. This synthesis of proposals should take into account decision 7/CP.4, views by Parties on the first synthesis of proposals at the tenth session of the subsidiary bodies, and submissions under subparagraphs (a) and (b)(i) above;

(e) The SBSTA and the SBI requested the secretariat, based on views by Parties expressed at the tenth sessions of the subsidiary bodies and submissions by Parties, to prepare a revised plan for facilitating capacity-building related to the mechanisms, providing options for coordination and orientation, for consideration at the eleventh sessions of the subsidiary bodies; and

(f) The SBSTA and the SBI invited organizations currently undertaking relevant capacity-building activities to provide information to the secretariat by 31 July 1999.

95. At the same meeting, on 11 June, on adopting the above conclusions, the SBSTA and the SBI noted the following clarifications by the Chairmen:

(a) The Chairmen of the subsidiary bodies will have responsibility for determining which submissions are to be reflected in the synthesis of proposals and which ones will be included in a miscellaneous document only;

(b) In view of the date agreed upon for submissions by Parties and the time needed to compile those submissions, the availability of the respective documents for the eleventh sessions would be delayed; and

(c) Submissions received after the stated deadline would be made available, in a miscellaneous document, by 15 September 1999.

XIII. REPORT ON THE SESSION
(Agenda item 13)

96. At its 12th meeting, on 11 June, the SBSTA considered the draft report on the work of its tenth session (FCCC/SBSTA/1999/L.1), which was introduced by the Rapporteur, Mr. Andrej Kranjc (Slovenia).

97. On adopting the draft report, the SBSTA noted that the secretariat would assess its capacity to carry out the activities requested in the conclusions adopted at this session in the light of the programme budget for 2000-2001 recommended by the SBI for approval by COP 5,[11] and would report back on this matter, as appropriate, to the subsidiary bodies at their eleventh sessions.

98. At the same meeting, on a proposal by the Chairman, the SBSTA authorized the Rapporteur, with the assistance of the secretariat, to complete the report on the session.

XIV. CLOSURE OF THE SESSION

99. At the 12th meeting, on 11 June, statements were made by representatives of two Parties and the Executive Secretary, paying tribute to the work of the Chairman of the SBSTA, whose two-year term in that position was now coming to an end.

100. At the same meeting, the Chairman remarked on how much he had learned during his chairmanship of the SBSTA, and how valuable he considered the scientific and technical work of that body to be. He expressed his gratitude to all those who had offered him support and constructive cooperation throughout his chairmanship. After urging Parties to intensify their efforts to move the Convention process forward in the future, the Chairman declared the tenth session closed.

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[11] See FCCC/SBI/1999/8, paragraph 70 and the draft decision on the programme budget contained in annex I to that document.

Annex I

IMPLEMENTATION OF ARTICLE 4, PARAGRAPHS 8 AND 9, OF THE CONVENTION (DECISION 3/CP.3 AND ARTICLES 2.3 AND 3.14 OF THE KYOTO PROTOCOL)

TERMS OF REFERENCE FOR THE EXPERT WORKSHOP ENVISAGED IN THE ANNEX (PROGRAMME OF WORK) TO DECISION 5/CP.4

Objective

In accordance with decision 5/CP.4, the objective of the expert workshop is to produce input for the eleventh session of the Subsidiary Body for Scientific and Technological Advice (SBSTA) and the Subsidiary Body for Implementation (SBI) through:

1. Identification of factors that will help determine:

   - The adverse effects of climate change;
   - The impacts of implementation of response measures;

2. Identification of information available, existing information gaps, further information needed and views on methodologies, related to:

   - The specific needs and concerns of developing country Parties arising from such adverse effects and impacts;

   - Actions, including actions related to funding, insurance and the transfer of technology, to meet the above-mentioned specific needs and concerns;

   - Minimizing the effects of policies and measures on international trade, and social, environmental and economic impacts;

3. Consideration of the specific needs and special situations of the least developed countries;

4. Consideration of issues raised in national submissions including national communications.

Schedule

The expert workshop will be held from 21 to 24 September 1999, in Bonn. The above-mentioned items will be covered by presentations and discussions related to the developing country Parties covered in Article 4.8 and 4.9 of the Convention.

Day 1

* General overview.
* Methodologies related to the adverse effects of climate change.
* Consideration of the specific needs and special situations of the least developed countries.
* Countries with arid and semi-arid areas, forested areas, and areas liable to forest decay.
* Countries with areas liable to drought and desertification.
* Countries with areas of high urban atmospheric pollution.
* Countries with areas with fragile ecosystems, including mountainous ecosystems.
* Land-locked and transit countries.

Day 2

* Small island countries.
* Countries with low-lying coastal areas.
* Countries with areas prone to natural disasters.
* Methodologies related to impacts of response measures.

Day 3

* Minimizing adverse effects of the implementation of response measures on:
  - International trade, and social, environmental and economic impacts on developing country Parties identified in Article 4.8 and 4.9 of the Convention;
  - Countries whose economies are highly dependent on income generated from the production, processing and export, and/or on consumption of fossil fuels and associated energy-intensive products.

Day 4

* Conclusions.

Participation

Relevant international and regional organizations and national experts, including from business associations and non-governmental organizations, will be invited to contribute to the workshop, and to present papers on the issues under discussion. The secretariat will explore, in consultation with the invited organizations, what specific contributions they may present at the workshop.

Annex II

LIST OF DOCUMENTS BEFORE THE SUBSIDIARY BODY FOR SCIENTIFIC AND TECHNOLOGICAL ADVICE AT ITS TENTH SESSION

Documents prepared for the session

FCCC/SBSTA/1999/1	Provisional agenda and annotations. Note by the Executive Secretary
FCCC/SBSTA/1999/2	Development and transfer of technologies. Progress report
FCCC/SBSTA/1999/3	National communications from Parties included in Annex I to the Convention. Review process related to greenhouse gas inventories. Elements of a review process
FCCC/SBSTA/1999/4	Methodological issues. Information on impacts, adaptation and mitigation assessment methods
FCCC/SBSTA/1999/5	Methodological issues. Land-use, land-use change and forestry (decision 1/CP.3, paragraph 5(a)). List of policy and procedural issues associated with Article 3.3 and 3.4 of the Kyoto Protocol
FCCC/SBSTA/1999/INF.1	National communications from Parties included in Annex I to the Convention. Guidelines for the preparation of national communications. Report on the workshop on methodological issues related to greenhouse gas inventories
FCCC/SBSTA/1999/INF.1/Add.1	National communications from Parties included in Annex I to the Convention. Guidelines for the preparation of national communications. Report on the workshop on methodological issues related to greenhouse gas inventories. Addendum. Draft revised text of the UNFCCC guidelines for reporting inventory data by Annex I Parties
FCCC/SBSTA/1999/INF.2	National communications from Parties included in Annex I to the Convention. Guidelines for the preparation of national communications. Comparison of greenhouse gas inventories submitted by Parties using own national methodologies with those obtained using the IPCC default methodologies

FCCC/SBSTA/1999/INF.3	National communications from Parties included in Annex I to the Convention. Guidelines for the preparation of national communications. Effects of recalculation of the greenhouse gas inventories of the base and subsequent years on assigned amounts and on emission limitation and reduction commitments of Annex I Parties
FCCC/SBSTA/1999/INF.4	Methodological issues. Emissions resulting from fuel used for international transportation. Information on emissions resulting from fuel sold to ships or aircraft engaged in international transport
FCCC/SBSTA/1999/INF.5	Methodological issues. Land-use, land-use change and forestry (decision 1/CP.3, paragraph 5). Report on the second SBSTA workshop on land-use, land-use change and forestry related to the Kyoto Protocol
FCCC/SBSTA/1999/MISC.1	Article 6 of the Convention: Education, training and public awareness. Submissions from Parties
FCCC/SBSTA/1999/MISC.2 and Add.1	Methodological issues. Land-use, land-use change and forestry (decision 1/CP.3, paragraph 5 (a)). Issues to be considered at the second SBSTA workshop on land-use, land-use change and forestry. Submissions from Parties on Article 3.3 and 3.4 of the Kyoto Protocol
FCCC/SBSTA/1999/MISC.3 Add.1 and Corr.1	Methodological issues. Analyses of the information and provided by the delegation of Iceland. Submissions from Parties
FCCC/SBSTA/1999/MISC.4	National communications from Parties included in Annex to the Convention. Review process related to greenhouse gas inventories. Submissions from Parties
FCCC/SBSTA/1999/MISC.5 and Add.1-3	Development and transfer of technologies. Projects and programmes incorporating cooperative approaches to the transfer of technologies and responses on how the issues and questions listed in the annex to decision 4/CP.4 should be addressed, as well as suggestions for additional issues and questions. Submissions from Parties

FCCC/SBSTA/1999/L.1	Draft report of the Subsidiary Body for Scientific and Technological Advice on its tenth session
FCCC/SBSTA/1999/L.2	Research and systematic observation
FCCC/SBSTA/1999/L.3	Work programme related to Articles 5, 7 and 8 of the Kyoto Protocol
FCCC/SBSTA/1999/L.4	Review process related to greenhouse gas inventories
FCCC/SBSTA/1999/L.5 and Add.1	National communications from Parties included in Annex I to the Convention: Guidelines for the preparation of national communications
FCCC/SBSTA/1999/L.6	Methodological issues: Other matters
FCCC/SBSTA/1999/L.7	Cooperation with relevant international organizations
FCCC/SBSTA/1999/L.8	Emissions resulting from fuel used for international transportation
FCCC/SBSTA/1999/L.9	Land-use, land-use change and forestry
FCCC/SBSTA/1999/L.10	Development and transfer of technologies
FCCC/SBSTA/1999/CRP.1	Implementation of Article 4, paragraphs 8 and 9, of the Convention (decision 3/CP.3 and Articles 2.3 and 3.14 of the Kyoto Protocol): programme of work
FCCC/SB/1999/1	Report on clarifications, additions and amendments to the revised guidelines for the preparation of national communications by Parties included in Annex I to the Convention (including part I of the reporting guidelines on inventories)
FCCC/SB/1999/1/Add.1	Report on clarifications, additions and amendments to the revised guidelines for the preparation of national communications by Parties included in Annex I to the Convention (including part I of the reporting guidelines on inventories). Addendum. Common reporting format

FCCC/SB/1999/1/Add.2	Report on clarifications, additions and amendments to the revised guidelines for the preparation of national communications by Parties included in Annex I to the Convention (including part II of the reporting guidelines on other issues). Addendum. Policies and measures and projections, financial resources and transfer of technology, and other issues
FCCC/SB/1999/2 and Corr.1	Work programme on methodological issues related to Articles 5, 7 and 8 of the Kyoto Protocol
FCCC/SB/1999/4	Mechanisms pursuant to Articles 6, 12 and 17 of the Kyoto Protocol. Plan for facilitating capacity-building under decision 7/CP.4
FCCC/SB/1999/INF.1	Activities implemented jointly under the pilot phase. Update on activities implemented jointly
FCCC/SB/1999/INF.2 and Add. 1-3	Mechanisms pursuant to Articles 6, 12 and 17 of the Kyoto Protocol. Synthesis of proposals by Parties on principles, modalities, rules and guidelines. Note by the Chairmen
FCCC/SB/1999/MISC.1 and Add.1	Views on the review process of activities implemented jointly under the pilot phase and information on experience gained and lessons learned, including on the uniform reporting format. Compilation of submissions from Parties
FCCC/SB/1999/MISC.2	Clarifications, additions and/or amendments to the revised guidelines for the preparation of national communications from Parties included in Annex I to the Convention, the scope of the third national communications, and the scope and modalities of the review process for the third national communications including in-depth reviews, in the context of the Kyoto Protocol. Submissions from Parties
FCCC/SB/1999/MISC.3 and Add.1, Add.2 and Corr.1 and Add.3-6	Principles, modalities, rules and guidelines for the mechanisms under Articles 6, 12 and 17 of the Kyoto Protocol. Submissions from Parties
FCCC/SB/1999/MISC.4 and Add.1-3	Procedures and mechanisms relating to compliance under the Kyoto Protocol. Submissions from Parties

FCCC/SB/1999/MISC.5 and Add.1	Comments from Parties on methodological issues related to possible clarifications, additions and amendments to the inventory section of the revised guidelines for the preparation of national communications by Annex I Parties
FCCC/SB/1999/MISC.6	Views on issues to be discussed in the expert workshop on the implementation of Article 4.8 and 4.9 of the Convention (decision 3/CP.3 and Articles 2.3 and 3.14 of the Kyoto Protocol). Submissions from Parties
FCCC/SB/1999/MISC.8	Mechanisms pursuant to Articles 6, 12 and 17 of the Kyoto Protocol. National communications from Parties not included in Annex I to the Convention. Submission by a Party
FCCC/SB/1999/L.1	Activities implemented jointly under the pilot phase
FCCC/SB/1999/CRP.1 and Rev.1	Provisional agenda for the joint working group on procedures and mechanisms relating to compliance under the Kyoto Protocol
FCCC/SB/1999/CRP.2	Joint working group on compliance: work programme on procedures and mechanisms relating to compliance under the Kyoto Protocol
FCCC/SB/1999/CRP.3 and Rev.1	Report of the joint working group on compliance on its work during the tenth sessions of the subsidiary bodies
FCCC/SB/1999/CRP.4	Mechanisms pursuant to Articles 6, 12 and 17 of the Kyoto Protocol

Other documents for the session

FCCC/CP/1998/16	Report of the Conference of the Parties on its fourth session, held at Buenos Aires from 2 to 14 November 1998. Part One: Proceedings
FCCC/CP/1998/16/Add.1	Report of the Conference of the Parties on its fourth session, held at Buenos Aires from 2 to 14 November 1998. Addendum. Part Two: Action taken by the Conference of the Parties at its fourth session

FCCC/SBSTA/1998/9	Report of the Subsidiary Body for Scientific and Technological Advice on its ninth session, Buenos Aires, 3-10 November 1998
FCCC/SBSTA/1998/6	Report of the Subsidiary Body for Scientific and Technological Advice on its eighth session, Bonn, 2-12 June 1998
FCCC/SBSTA/1997/6	Report of the Subsidiary Body for Scientific and Technological Advice on its sixth session, Bonn, 28 July - 5 August 1997
FCCC/TP/1999/1	Technical paper: Coastal adaptation technologies
FCCC/TP/1999/2	Technical paper: Report on data comparisons

Documents available for reference only

FCCC/CP/1998/6	Development and transfer of technologies (decision 13/CP.1). Progress report on transfer of technology: draft work programme
FCCC/CP/1997/7/Add.1	Report of the Conference of the Parties on its third session, held at Kyoto from 1 to 11 December 1997. Part Two: Action taken by the Conference of the Parties at its third session
FCCC/CP/1996/15/Add.1	Report of the Conference of the Parties on its second session, held at Geneva from 8 to 19 July 1996. Part Two: Action taken by the Conference of the Parties at its second session
FCCC/CP/1995/7/Add.1	Report of the Conference of the Parties on its first session, held at Berlin from 28 March to 7 April 1995. Part Two: Action taken by the Conference of the Parties at its first session
FCCC/SBSTA/1998/INF.1	Methodological issues. Issues related to land-use change and forestry

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